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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/666,598	09/19/2003	Kwan Wu Chin	CML01196AC	8549
22917	7590	07/22/2005	EXAMINER	
MOTOROLA, INC. 1303 EAST ALGONQUIN ROAD IL01/3RD SCHAUMBURG, IL 60196			SALAD, ABDULLAHI ELMI	
			ART UNIT	PAPER NUMBER
			2157	

DATE MAILED: 07/22/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/666,598

Applicant(s)

CHIN, KWAN WU

Examiner

Salad E. Abdullahi

Art Unit

2157

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 19 July 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 19 July 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>7/10/2005</u> . | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. This application has been reviewed. Original claims 1-20 are pending. The rejections cited stated below.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims 1-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Harvey et al., U.S. Patent Application Publication No. 2004/0148439 [hereinafter Harvey].

The applied reference has a common Motorola, INC with the instant application. Based upon the earlier effective U.S. filing date of the reference, it constitutes prior art under 35 U.S.C. 102(e). This rejection under 35 U.S.C. 102(e) might be overcome either by a showing under 37 CFR 1.132 that any invention disclosed but not claimed in the reference was derived from the inventor of this application and is thus not the invention "by another," or by an appropriate showing under 37 CFR 1.131.

As per claim 1, Harvey discloses method of attaching a private name space of a home network to a private name space of another home network, [connecting peer to peer private network] said method comprising the steps of:

Art Unit: 2157

receiving one or more names and one or more IP addresses of a remote home network via a virtual private network (VPN) tunnel coupling said remote home network and a local home network (see paragraph 0019 and 0059); and
updating the configuration of a DNS server of said local home network to delegate said one or more names of said remote network to a remote gateway of said remote home network (see paragraph 0023); and
transmitting one or more names and one or more IP addresses of said local home network via said VPN tunnel to said remote home network (see paragraph 0022).

As per claim 2, Harvey discloses the method according to claim 1, further comprising the step of setting up said VPN tunnel between said remote home network and said local home network (see paragraph 0059).

As per claims 3, 6-8, Harvey discloses the method according to claim 1, further comprising the step of resolving any name conflicts in said local home network regarding said one or more names of said remote home network (see paragraph 0060).

As per claim 4, Harvey discloses the method according to claim 1, further comprising the step of recording said one or more names and said one or more IP addresses of said remote home network. (see paragraph 0019).

As per claim 5, Harvey discloses the method according to claim 1, further comprising

Art Unit: 2157

the step of sending a confirmation message to said remote gateway of said remote home network regarding the updating of the configuration of said DNS Server (see paragraph 0023).

As per claim 9, Harvey discloses a method of resolving a name request in a private name space of a home network with which a private name space of another home network is attached, said method comprising the steps of:

receiving a DNS request in said home network(see paragraph 0021-0022);

determining if said DNS query is received from a virtual private network (VPN) tunnel coupling said home network with said other home network(see paragraph 0023); and if said DNS query is determined to have been received from said VPN tunnel (see paragraph 0022),

forwarding a reply to a requesting host of said other home network in response to said DNS query(see paragraph 0021-0022).

As per claim 10-13, Harvey discloses the method according to claim 9, further comprising the step of determining if the queried name in said DNS request is a domain name of said home network(see paragraph 0021-0022).

As per claim 14, the claim has similar limitation as claim 1 discussed above further reciting a gateway (see fig. 5) attaching a private name space of a home network to a private name space of another home network, comprising:

Art Unit: 2157

at least one communications interface for transmitting and receiving data (see fig. 6 and paragraph 0018-0019);

a storage unit (DHCP) for storing data and instructions to be carried out by a processing unit(see fig. 5 and paragraph 0018-0019);

a processing unit (DNS) coupled to said at least one communications interface and said storage unit (see fig. 5 and paragraph 0018-0019).

As per claims 15-17, Harvey discloses the gateway according to claim 14, wherein said processing unit is programmed to set up said VPN tunnel between said remote home network and said local home network and to resolve any name conflicts in said local home network regarding said one or more names of said remote home network (see paragraph 0060).

As per claim 18, Harvey discloses the gateway according to claim 14, wherein said processing unit is programmed to receive a DNS request in said home network, to determine if said DNS query is received from a virtual private network (VPN) tunnel coupling said home network with said other home network, and if said DNS query is determined to have been received from said VPN tunnel, to forward a reply to a requesting host of said other home network in response to said DNS query (see paragraph 0021-0022).

As per claims 19-20, Harvey discloses the gateway according to claim 18, wherein said

Art Unit: 2157

processing unit is programmed to determine if the queried name in said DNS request is a domain name of said home network (see paragraph 0021-0022);

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Salad E. Abdullahi whose telephone number is 571-272-4009. The examiner can normally be reached on 8:30 - 5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.
6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


Abdullahi Salad
7/10/2005